

NOTICE OF DRAFTSPERSON'S INFORMATION ON HOW TO EFFECT DRAWING CHANGES PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 6/2/99 are:

A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.

B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require

submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

The new drawings must be submitted with the changes incorporated therein. The application number must be indicated on the back of the drawing sheet. The name and telephone number of a person to call in the office of the Examiner must be indicated on the back of the drawing sheet.

1. Correction of Informalities--37 CFR 1.84

1. DRAWINGS. 37 CFR 1.84(a) Acceptable categories of drawings:
 - Fig(s) 1-4 (a) Drawings must be submitted in triplicate.
 - Fig(s) 1-4 (b) Drawings must be submitted in triplicate.
 - Fig(s) 1-4 (c) Drawings must be submitted in triplicate.
 - Fig(s) 1-4 (d) Drawings must be submitted in triplicate.
 - Fig(s) 1-4 (e) Drawings must be submitted in triplicate.
 - Fig(s) 1-4 (f) Drawings must be submitted in triplicate.
 - Fig(s) 1-4 (g) Drawings must be submitted in triplicate.
 - Fig(s) 1-4 (h) Drawings must be submitted in triplicate.
 - Fig(s) 1-4 (i) Drawings must be submitted in triplicate.
 - Fig(s) 1-4 (j) Drawings must be submitted in triplicate.
 - Fig(s) 1-4 (k) Drawings must be submitted in triplicate.
 - Fig(s) 1-4 (l) Drawings must be submitted in triplicate.
 - Fig(s) 1-4 (m) Drawings must be submitted in triplicate.
 - Fig(s) 1-4 (n) Drawings must be submitted in triplicate.
 - Fig(s) 1-4 (o) Drawings must be submitted in triplicate.
 - Fig(s) 1-4 (p) Drawings must be submitted in triplicate.
 - Fig(s) 1-4 (q) Drawings must be submitted in triplicate.
 - Fig(s) 1-4 (r) Drawings must be submitted in triplicate.
 - Fig(s) 1-4 (s) Drawings must be submitted in triplicate.
 - Fig(s) 1-4 (t) Drawings must be submitted in triplicate.
 - Fig(s) 1-4 (u) Drawings must be submitted in triplicate.
 - Fig(s) 1-4 (v) Drawings must be submitted in triplicate.
 - Fig(s) 1-4 (w) Drawings must be submitted in triplicate.
 - Fig(s) 1-4 (x) Drawings must be submitted in triplicate.
 - Fig(s) 1-4 (y) Drawings must be submitted in triplicate.
 - Fig(s) 1-4 (z) Drawings must be submitted in triplicate.
2. PHOTOGRAPHS. 37 CFR 1.84 (b)
 - Fig(s) 1-4 (a) 1 full-tone set is required.
 - Fig(s) 1-4 (b) Photographs not properly mounted (must use Bristol board or photographic double-weight paper).
 - Fig(s) 1-4 (c) Poor quality (half-tone).
 - Fig(s) 1-4 (d) Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.
3. TYPE OF PAPER. 37 CFR 1.84(e)
 - Fig(s) 1-4 (a) Drawings must be submitted on white, unlined paper.
 - Fig(s) 1-4 (b) Drawings must be submitted on white, unlined paper.
 - Fig(s) 1-4 (c) Drawings must be submitted on white, unlined paper.
 - Fig(s) 1-4 (d) Drawings must be submitted on white, unlined paper.
 - Fig(s) 1-4 (e) Drawings must be submitted on white, unlined paper.
 - Fig(s) 1-4 (f) Drawings must be submitted on white, unlined paper.
 - Fig(s) 1-4 (g) Drawings must be submitted on white, unlined paper.
 - Fig(s) 1-4 (h) Drawings must be submitted on white, unlined paper.
 - Fig(s) 1-4 (i) Drawings must be submitted on white, unlined paper.
 - Fig(s) 1-4 (j) Drawings must be submitted on white, unlined paper.
 - Fig(s) 1-4 (k) Drawings must be submitted on white, unlined paper.
 - Fig(s) 1-4 (l) Drawings must be submitted on white, unlined paper.
 - Fig(s) 1-4 (m) Drawings must be submitted on white, unlined paper.
 - Fig(s) 1-4 (n) Drawings must be submitted on white, unlined paper.
 - Fig(s) 1-4 (o) Drawings must be submitted on white, unlined paper.
 - Fig(s) 1-4 (p) Drawings must be submitted on white, unlined paper.
 - Fig(s) 1-4 (q) Drawings must be submitted on white, unlined paper.
 - Fig(s) 1-4 (r) Drawings must be submitted on white, unlined paper.
 - Fig(s) 1-4 (s) Drawings must be submitted on white, unlined paper.
 - Fig(s) 1-4 (t) Drawings must be submitted on white, unlined paper.
 - Fig(s) 1-4 (u) Drawings must be submitted on white, unlined paper.
 - Fig(s) 1-4 (v) Drawings must be submitted on white, unlined paper.
 - Fig(s) 1-4 (w) Drawings must be submitted on white, unlined paper.
 - Fig(s) 1-4 (x) Drawings must be submitted on white, unlined paper.
 - Fig(s) 1-4 (y) Drawings must be submitted on white, unlined paper.
 - Fig(s) 1-4 (z) Drawings must be submitted on white, unlined paper.
4. SIZE OF PAPER. 37 CFR 1.84(f) Acceptable sizes:
 - Fig(s) 1-4 (a) 21.0 cm by 29.7 cm (DIN size A4)
 - Fig(s) 1-4 (b) 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
 - Fig(s) 1-4 (c) All drawing sheets not the same size.
 - Fig(s) 1-4 (d) Sheet(s) 1-4
 - Fig(s) 1-4 (e) Drawings sheets not an acceptable size.
5. MARGINS. 37 CFR 1.84(g) Acceptable margins:
 - Fig(s) 1-4 (a) Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 - Fig(s) 1-4 (b) SIZE: A4 Size
 - Fig(s) 1-4 (c) Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 - Fig(s) 1-4 (d) SIZE: 8 1/2 x 11
 - Fig(s) 1-4 (e) Margins not acceptable.
 - Fig(s) 1-4 (f) Top (T) 1-4 Left (L) 1-4
 - Fig(s) 1-4 (g) Right (R) 1-4 Bottom (B) 1-4
6. VIEWS. 37 CFR 1.84(h)
 - Fig(s) 1-4 (a) REMINDER: Specification may require revision to correspond to drawing changes.
 - Fig(s) 1-4 (b) Partial views. 37 CFR 1.84(h)(2)
 - Fig(s) 1-4 (c) Brackets needed to show figure as one entity.
 - Fig(s) 1-4 (d) Views not labeled separately or properly.
 - Fig(s) 1-4 (e) Enlarged view not labeled separately or properly.
7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)
 - Fig(s) 1-4 (a) Hatching not indicated for sectional portions of an object.
 - Fig(s) 1-4 (b) Sectional designation should be noted with Arabic or Roman numbers.
8. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(i)
 - Fig(s) 1-4 (a) Lines must be uniform in thickness and defined, clean, durable, and black (good line quality).
 - Fig(s) 1-4 (b) Solid black areas permitted.
 - Fig(s) 1-4 (c) Solid black shading not permitted.
 - Fig(s) 1-4 (d) Shading must be done with fine lines.
9. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(j)
 - Fig(s) 1-4 (a) Numbered lines of reference characters not permitted.
 - Fig(s) 1-4 (b) Figure legends are poor.
 - Fig(s) 1-4 (c) Numbers and reference characters not oriented in the same direction as the view.
 - Fig(s) 1-4 (d) English alphabet not used.
 - Fig(s) 1-4 (e) Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height.
10. LEAD LINES. 37 CFR 1.84(k)
 - Fig(s) 1-4 (a) Lead lines cross each other.
 - Fig(s) 1-4 (b) Lead lines missing.
11. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(l)
 - Fig(s) 1-4 (a) Sheets not numbered consecutively, and in Arabic numerals beginning with number 1.
12. NUMBERING OF VIEWS. 37 CFR 1.84(m)
 - Fig(s) 1-4 (a) Views not numbered consecutively, and in Arabic numerals, beginning with number 1.
13. CORRECTIONS. 37 CFR 1.84(n)
 - Fig(s) 1-4 (a) Corrections not made from prior PTO-948 dated 1-4
14. DESIGN DRAWINGS. 37 CFR 1.152
 - Fig(s) 1-4 (a) Surface shading shown not appropriate.
 - Fig(s) 1-4 (b) Solid black shading not used for color contrast.

COMMENTS

REVIEWER

T. Roun

DATE

7/16/99

TELEPHONE NO.

703 305 8335

ATTACHMENT TO PAPER NO. _____